AFRL/RI Advisor and Visiting Faculty Successes

Dr. Lok Yan, Information Institute Research Topic Advisor, AFRL/RI

Dr. Yan was recently selected by the Society of Asian Scientists and Engineers as the Emerging Leader of the Year. This award recognized Dr. Yan's exemplary leadership attributes, technical accomplishments, and his commitment to leadership in the community. Congratulations!
Announcement made by Air Force Research Laboratory

Dr. Ngwe Thawdar, Information Institute Research Topic Advisor, AFRL/RI

Dr. Thawdar, as a Doctor of Philosophy, successfully defended her dissertation through the Department of Electrical Engineering at the University of Buffalo on May 15, 2018. She is an Information Institute topic advisor for Ultra-broadband Networking. Congratulations!
Announcement made by the Information Institute

Dr. Jeffrey Duffany, Professor of Electrical and Computer Engineering, Universidad del Turabo

Dr. Duffany received the Who's Who Lifetime Achievement for Higher Education Award from Marquis Who's Who Ventures LLC. Dr. Duffany participated in the Summer Faculty Fellowship Program sponsored by the Air Force Office of Scientific Research for the last two years. To read the full article, please navigate to the links below:
https://wwlifetimeachievement.com/2018/07/15/jeffrey-duffany/
http://ut.suagm.edu/es/ut/reconocen-la-excelencia-profesional-en-la-academia
Announcement made by Dr. Jeffrey Duffany, Universidad del Turabo

Dr. Chin-Tser Huang, Full Professor, University of South Carolina

Dr. Huang received a promotion to Full Professor at the University of South Carolina in December of 2018. Dr. Huang has been a participant of the Information Institute program for 11 years. Congratulations!
Announcement made by the University of South Carolina

Dr. Chen Liu, Associate Professor, Clarkson University

Dr. Liu was granted tenure and promoted from Assistant Professor to Associate Professor of Electrical and Computer Engineering in the Wallace H. Coulter School of Engineering at Clarkson University.
Announcement made by Dr. Chen Liu, Associate Professor, Clarkson University

2019 Visiting Faculty Research Program Schedule

May 6, 2019 .... VFRP and SFFP begin

PLEASE SEND US YOUR SUCCESS STORIES!

INFORMATION INSTITUTE

Our Mission

Strengthen and Expand Information Technology Research within the Information Directorate.

Develop collaborative relationships among and between the academic members and the Information Directorate.

Increase research emphasis in areas of information technologies critical to the Information Directorate's mission.

Summer Program Statistics

Number of Summer Researchers 71

56	Faculty
15	Students *(accompanying faculty)*

Total Number of Extension Grants 33

20	II Funded
13	Division Funded

Publications .... >100

Information Institute 2018 Summer Visiting Faculty Programs

Participants from 42 Universities

Binghamton University (SUNY)

Brescia University

Clarkson University

Embry-Riddle Aeronautical University

Fairleigh Dickinson University

Florida Atlantic University

Georgia Institute of Technology

Indiana University of Pennsylvania

Iowa State University

Lehman College

Mansfield University

Miami University

Missouri University of Science and Technology

Montclair State University

Northern Arizona University

Oklahoma State University

Purdue University

Rensselaer Polytechnic Institute

Rochester Institute of Technology

San Diego State University

San Francisco State University

Stevens University

SUNY Polytechnic Institute

Syracuse University

Temple University

Tennessee Technological University

University of Arizona

Universidad del Turabo

University at Buffalo, the State University of New York (SUNY)

University of California – Riverside

University of Central Florida

University of Louisville

University of Minnesota

University of Missouri – Kansas City

University of Missouri – St. Louis

University of Nevada – Las Vegas

University of South Carolina

University of Texas – Arlington

Virginia Commonwealth University

Washington University – St. Louis

West Virginia University

Wichita State University

Recently Naturalized U.S. Citizens

- Dr. Chin-Tser Huang – University of South Carolina
- Dr. Sumit Jha – University of Central Florida

Congratulations!

Highlights

On March 20, 2018, the Information Institute was recognized as an official registered trademark of the Air Force Research Lab Information Directorate (AFRL/RI). This achievement was a collaborative effort of the RIB division and the AFRL/RI personnel. Congratulations!

On August 3, 2018, AFRL/RI and IBM unveiled the world's largest neuromorphic supercomputer, Blue Raven. The super computer has a processing power of 64 million neurons. By 2019, AFRL/RI expects to demonstrate an airborne target-recognition application developed using Blue Raven. Dr. Wu is an Information Institute Advisor on Neuromorphic Computing and the Principal Computer Scientist for the Blue Raven project.

To read the full article, please navigate to the link below:

https://www.aviationtoday.com/2018/08/03/air-force-use-new-neuromorphic-supercomputer-ai-research/

On October 25, 2018, Dr. Paul Alsing was recognized as an AFRL Fellow during the 2018 AFRL Fellows and Science and Engineering Early Career Awards Banquet held at the National Museum of the United States Air Force. Dr. Alsing has a total of 22 years of service with the federal government. He started his government career with AFRL in 2005 at the Space Vehicles Directorate, Kirtland AFB, NM. In 2009, he transferred to the Information Directorate where he now serves as a Senior Research Physicist and the Group Lead for Quantum Information Science. His ground-breaking research in Relativistic Quantum Information Theory extends the boundary of our understanding of quantum entanglement. He has a doctorate in Physics from the University of Arkansas and is the recipient of the Arthur S. Fleming Award for Basic Science and the Information Directorate's Basic Research Award.

To read the full article, please navigate to the link below:

https://www.wpafb.af.mil/News/Article-Display/Article/1678273/afrl-fellows-and-early-career-award-recipients-honored-at-awards-banquet/

Saying Farewell

Dr. John Matyjas was selected to serve as the Scientific Adviser to the Commander, Air Combat Command, Langley AFB, Va. He served as the Technical Advisor for Computing and Communications at AFRL/RI. Dr. Matyjas expressed, "While I embark on a whole new journey with the Air Force after the first of the year, I carry a tremendous wealth of experience, learning, and friendships from Rome with me and now I carry forward our mission and technology development."

Thank you, Dr. Matyjas, for your dedicated advisement with the Science and Technology Fellowship Program, the Visiting Faculty Research Program and the Summer Faculty Fellowship Program through the Information Institute. You are a valuable partner and advocate who will be sorely missed.